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THE

THIRD ANNUAL REPORT

OF

THE COMMITTEE

OF THE

MANCHESTER AND SALFORD

SANITARY ASSOCIATION;

BEING

A SUMMARY OF THEIR PROCEEDINGS FROM NOVEMBER, 1854, TO NOVEMBER, 1855.

MANCHESTER:

POWLSON & SONS, PRINTERS, BOW-STREET, JOHN DALTON-ST.

1855.

Committee and Officers for the Year 1855–6.

Patrons:

The Right Honourable the EARL of DERBY.
The Right Honourable the EARL of DUCIE.
The Right Honourable the EARL of ELLESMERE.
The Right Honourable the EARL of WILTON, G.C.H.

President:

The Right Reverend the LORD BISHOP of MANCHESTER, F.R.S.

Vice-Presidents:

The Worshipful the MAYOR of MANCHESTER.
The Worshipful the MAYOR of SALFORD.
The Very Reverend the DEAN of MANCHESTER.
Sir BENJAMIN HEYWOOD, Bart.
Sir ELKANAH ARMITAGE.
Sir J. BARDSLEY, M.D.
Sir JOHN POTTER.
J. HEYWOOD, Esq., M.P., F.R.S.
J. BRIGHT Esq., M.P.
J. BROTHERTON, Esq., M.P.
W. ENTWISLE, Esq., LL.D.
J. KERSHAW, Esq., M.P.
Colonel CLOWES.
W. FAIRBAIRN, Esq., F.R.S.
JOSEPH WHITWORTH, Esq., C.E.

Treasurer:

ARTHUR H. HEYWOOD, Esq.

Chairman:

Rev. CANON RICHSON, M.A.

Committee:

Rev. T. R. BENTLY, M.A.
Mr. D. BELLHOUSE.
,, J. BERESFORD.
,, E. W. BINNEY, F.G.S.
,, W. BOOTH.
,, J. BOUTFLOWER, F.R.C.S.
,, T. F. BROWNBILL, F.R.C.S.
Rev. C. BURTON, LL.D.
Mr. F. CRACE CALVERT, F.C.S., M.R.A.T.
,, C. E. CAWLEY, C.E.
,, D. CHADWICK.
,, A. Mc. DOUGALL.
,, J. DUNN.
,, J. FERNLEY.
Dr. E. FRANKLAND, F.R.S.
Rev. W. GASKELL, M.A.
Mr. G. GREAVES, M.R.C.S.
,, J. HATTON, F.R.C.S.
,, J. HENRY.
,, I. HOLDEN.
,, I. HOLDEN, Jun.
,, J. W. JACKSON.
Rev. W. JOHNSON, M.A.
Mr. C. H. KNIGHT.
,, J. LOWE, Jun.
,, J. W. MACLURE.
,, Councillor MOTTRAM.
,, J. A. NICHOLLS.
Rev. J. N. POCKLINGTON, B.A.
Mr. G. POWLSON.
,, E. REUSS.
,, Alderman RADFORD.
Dr. T. RADFORD, F.R.C.P., F.R.C.S.
Mr. W. RADFORD.
,, T. G. RICHMOND, F.R.C.S.
,, M. ROSS.
,, S. SALT.
,, W. H. SHAW.
Dr. R. A. SMITH, F.R.S.
Mr. W. SMITH, M.R.C.S.
,, G. FEREDAY SMITH.
Rev. Canon STOWELL.
Mr. J. TEALE, M.R.C.S.
,, T. TURNER, F.L.S., F.R.C.S.
Rev. J. G. VANCE, M.A.
,, H. H. WESTMORE, M.A.

Honorary Secretaries:

Mr. G. BOWRING, M.R.C.S.
,, F. H. WALMSLEY, M.R.C.S.
,, W. ROYSTON.

Collector:

Mr. EASTWOOD,
Leamington Place, Brook Street.

OFFICES,
4, York Chambers, King Street.

Communications for the Central Committee may be addressed to—

Rev. CANON RICHSON, M.A., Chairman;

OR TO

The Honorary Secretaries. { Mr. G. BOWRING, M.R.C.S.
,, F. H. WALMSLEY, M.R.C.S.
,, W. ROYSTON.

THIRD REPORT.

The Committee, in presenting their Third Annual Report, feel assured that the proceedings of the Association during the past year will afford satisfaction to its friends and supporters.

To show the progress of the Association in the most conclusive form, the present Report is classed under heads corresponding with those of the Report of the preceding year.

The Position of the Committee in relation to the Municipal and other Authorities.

Every communication addressed by the Committee to the Authorities has been received with courtesy and attention; and it has been the aim of the Committee to act in every respect, as far as possible, in harmony with them; being conscious, particularly in respect to the Corporations of Manchester and Salford, that they not only desire, but have really effected, the most important improvements, in the sanitary condition of their respective municipalities.

(1.)—Manchester Town Council.

In communicating with the City Authorities, the only *Deputation* which the Committee have had occasion to send had reference to the need of a Cemetery for Manchester. The deputation were received by the *Mayor* and *Town Clerk*, and were assured that the subject was

under consideration. Since this interview a Municipal Sub-Committee has been appointed to report to the Town Council specially on the subject.

The Committee have found it necessary to make several *Inquiries* and *Representations* to the Municipal Authorities.

1. Having had their attention drawn to the unsatisfactory construction and deficient sanitary arrangements of certain Cottage property *in course of erection*, they took the opportunity of inquiring of the *Town Clerk*, whether it was the intention of the Corporation to apply for additional powers for the regulation of such erections; but they learned with regret that the Council had no such intention.

2. Some Cottage property in the neighbourhood of Deansgate was found in so unsatisfactory a state that the Committee were induced to represent to the Corporation the need of their possessing adequate powers to secure necessary improvements in that class of property. The cottages thus brought under notice are situate in a confined court, and consist of 12 tenements. In July, 1854, fever broke out among the inhabitants, and its attacks on 5 out of the 12 tenements are thus tabulated:

No. of Tenement.	No. of persons in each Tenement.	Persons attacked.	Recovered.	Died.
1	6	6	5	1
2	5	5	4	1
3	4	4	4	..
4	6	5	5	..
5	5	3	2	1
Total	26	23	20	3

The walls of this court, having been whitewashed, had a decent appearance when visited by members of the District Committee; but the interior of most of the residences, and bad arrangements of the middens, &c., not only accounted for the attacks of fever, but render it a place where any malignant epidemic may expect to find its victims. The position of middens, &c., in many parts of the city,

urgently require the interference of the Corporation, if the health of the inhabitants of courts, entries, and other confined places, ought to be duly regarded.

3. In the vicinity of the London-road a number of sheds are occupied as shops, and in some instances, as living and sleeping rooms. The Committee represented to the City Authorities the necessity of preventing the use of such places in so objectionable a manner; but in reply,* the *Town Clerk* remarks,—"Of the objectionable character of the erections no doubt can be entertained, but I am not aware of any powers possessed by the Corporation which will enable them to interfere."

Such cases as these, among numerous others that might be mentioned, show the necessity of giving to the Corporation adequate powers to regulate, on well defined principles, the erection and occupation of premises, intended for, or connected with, human habitations.

4. The obvious continuation of the *Smoke Nuisance*, in many parts of the city, caused the Committee to prepare a Memorial on the subject to be presented to the Town Council, which from various causes has been delayed. The Memorial will, however, be presented at the first favourable opportunity.

5. It has been the duty of the Committee, in consequence of communications which have been addressed to them, to represent to the City Authorities the objectionable character of an accumulated heap of night soil at the Ardwick railway station; and the Committee feel very strongly, that accumulations of this kind ought not to be allowed at a point so contiguous to the densely populated portions of the city. They have also had occasion to make similar representations in respect to the depôt in Water-street; and they would have been glad had it been in the power of the *Town Clerk* to have replied in some more decisive and satisfactory manner, than that the subject should "receive the best attention" of the *Lamp and Scavenging* Committee.

* January 20th, 1855.

The Committee desire to express their obligations to the *Water Works* Sub-Committee of the Corporation, for the grant of 6,000 gallons of water per day, for one month, to facilitate the experiments made upon the waters of the *Medlock;* also to the Municipal Committee of *Chorlton*, for the gratuitous use of rooms in the Town Hall upon several occasions; and to the following members of the Corporation for presiding at the delivery of Lectures in various parts of the City:—

Messrs. Aldermen *Barnes, Heywood, Neild, Shawcross, Shuttleworth*, and *Watkins*.

Messrs. Councillors *Chadwick, Clarke, Fildes, Lamb, Medcalf, Mackie, Parnell*, and *Williams*.

Salford Town Council.

1. The Committee had occasion to represent to the *Nuisance Committee* of *Salford*, some serious complaints which had reached them against certain Chemical works within the borough. An inspection of the cause of complaint was ordered by the Committee, but it was found* "that there is not sufficient grounds of complaint to warrant proceedings on the part of the Committee." This decision has, however, failed to give satisfaction to the parties, who allege that the gases thrown off from the works are injurious to vegetation in the neighbourhood, to their own health, and that of their families.

2. A Memorial against the *Smoke Nuisance* was, on behalf of this Committee, presented to the Council, by Mr. *Councillor Cawley*. A Copy of this Memorial was forwarded by the Municipal Committee for Pendleton to the occupiers of works and mills within the district, requesting measures to be adopted, as far as possible, to remove the cause of complaint, wherever it exists.

In *Salford*, "the *Sanitary and Nuisance* Committee" report to the Council: "It is with the greatest satisfaction your Committee observe that the attention of the *Manchester and Salford Sanitary Association* has been given to this grievance, which falls so heavily

* June 28th, 1855.

upon the working classes; and your Committee take this opportunity of expressing their conviction, that much greater and more satisfactory results may be anticipated from an appeal by that Association to the parties interested, and from the diffusion of information as to the best means of obviating it, and the pecuniary advantages which would result to proprietors from its abatement, than from any legal proceedings which might be taken by the Council."

In this opinion the Committee entirely concur, and would feel it their duty to adopt such a course of proceeding as the Salford Committee recommend, were FUNDS for the purpose placed at their disposal; but with their present totally inadequate means, any expenditure for such objects would not be justifiable.

3. The Committee have witnessed with much gratification the efforts made by the "*Sanitary and Nuisance* Committee" of the Corporation, for the improvement of the lower class of habitations within the borough, and desire to acknowledge the ready attention which they have given to the Reports of the District Committee of the Association upon such subjects. One circumstance especially deserves notice. The houses and premises in *Jackson's-square, Greengate*, have been repeatedly represented by this Association, either through the *Salford District* Committee, or in the illustrations of Public Lectures, as in a most unsanitary condition; the same conviction influenced the Municipal Committee, and it is with much satisfaction this Committee has recently learned, that the whole of the premises, consisting of *thirty-one tenements*, are ordered by the Corporation to be closed, "as unfit for human habitation."

4. The Committee desire to express their obligation to the Town Clerk, *C. Gibson*, Esq., for favoring them with a *M.S.* Copy of his report on the "*Public Health and Nuisance Removal Bill*," of 1854-5; also to *William Ross*, Esq., then Mayor, for presiding at the Salford Annual Meeting of the Association, and for the gratuitous use of the Town Hall. The Committee received with much pleasure from the *Town Clerk*, the following reply to their acknowledgments at the time:—"I am further directed to express his Worship's gratification, to find that the assistance he has afforded in promoting

the success of the Association has been of some value; and I have to add, that the Committee may assuredly depend upon receiving from the *Mayor*, every possible support in furtherance of the success of an Institution, calculated to produce the greatest advantages to the public, and more especially to the laboring classes and the poor."

The Committee desire also to express their obligations to the following Members of the Town Council, for presiding at the Lectures and Meetings of the Association:—

Messrs. Aldermen *Agnew*, *Harvey*, *Jenkinson*, *Langworthy*, *Pearson*, *Radford*, *Wanklyn*, and *Worrall*.

Messrs. Councillors *Davies*, *Haworth*, *Pochin*, and *Worthington*.

Guardians of the Poor.

The Committee have had no occasion during the past year to communicate with the *Guardians of the Poor*, except for the purpose of sending them a Copy of the Report on the need of provision being made for the *Interment of the Dead;* for which they expressed their thanks.

Government Authorities.

In the last Session of Parliament, Bills were introduced by Sir *B. Hall*, Bart., on behalf of Government, for the *Prevention of Nuisances*, and the *promotion of the Public Health.* Some of the provisions of these Bills appearing very objectionable to the Committee, they appointed a Sub-Committee to report on the contents, with the view of memorializing the *Board of Health* on the subject. The Bills were, however, first modified, and then withdrawn; and a less objectionable measure was eventually introduced and carried.

II.—*Operation of District Committees.*

1. The absence of any serious epidemic or other exciting cause of activity, and the general healthfulness of Manchester, have induced the Members of some of the District Committees, to relax very much in their efforts on behalf of the Association, particularly in respect to Visitation. It has been felt and expressed by some, that the condition of their districts is well ascertained, and it is unnecessary to repeat

visits at present, which can only confirm information already obtained.

In some of the largest and most important districts, however, a different course has been pursued; and the Committee deem it right to acknowledge the unwearying and useful efforts of the District Committees of Chorlton, London Road, and Salford, whose Secretaries, Messrs. *J. W. Maclure*, *C. H. Knight*, and *George Powlson*, have been indefatigable and exemplary in their exertions. The Committee must notice in like manner the efforts of the Deansgate District Committee, and the valuable services of Mr. *Isaac Holden*, and the Revs. *T. R. Bently* and *J. N. Pocklington*.

3. To awaken greater energy in some of the District Committees, to promote the better classification of their Reports generally, and to insure, as far as practicable, uniformity of action, a "*Corresponding Sub-Committee*" has been appointed out of the Central Committee. Their first efforts were directed to ascertaining the Sanitary progress made in the several districts since the formation of the Association; and the results, as far as obtained, are, for the most part, very satisfactory.

4. Upon the recommendation of this Sub-Committee, additional powers have been granted to the District Committees, with the view to rendering their action, as far as possible, independent; having, at the same time, a due regard to the general responsibility and harmony of operation of the entire Association.

5. For the greater encouragement of the District Committees, a Soirée of their Members was held in the large room of the Albion Hotel, on Monday Evening, *March 26th*. This was well attended, and the discussion which ensued, particularly on the subject of *Cottage Dwellings*, was practically important.

6. The Committee require, in some of the poorest districts, a large accession of active and discreet Members.

7. Some of the District Committees have again commenced the holding of Annual Meetings, and have succeeded in obtaining numerous attendances.

The good effects of the operations of those Committees may be judged of by the following extracts from Reports :—

8. *Salford District Committee.*—"The average attendance of Members has exceeded *six* at each meeting. Mr. *Pickering*, the Inspector of Nuisances, has attended, and afforded valuable information. *Four* Members of the Town Council have occasionally attended.

"The Town Council has allowed the use of a room in the Town Hall, for Committee purposes, on payment of £1 per annum for gas, &c. The gratuitous use of the large room in the Town Hall, was also granted by them, for the Closing Lecture of the winter series, by the Rev. Canon *Stowell.* The *Salford* Committee respectfully acknowledge these favors of the Town Council; and also the exceedingly courteous and prompt attention which has been given to all subjects of complaint in the District Visiting Reports.

"The Sanitary efforts of the Town Council deserve the highest praise. The characteristics of various localities, which this Committee formerly animadverted upon, have been completely changed; whole streets having been thoroughly drained and paved, where water stagnated and malaria was engendered. The consequent improvement in the state of the general health is already being freely commented upon.

"Thirteen Lectures were delivered during the Session 1854-5, which were attended by an aggregate of 2,910 individuals. A Lecture, by the Borough Treasurer, *D. Chadwick*, Esq., was printed at the expense of Mr. Alderman *Langworthy*, and 1,000 copies distributed gratuitously. The Lectures have been eminently useful.

"The Lecturers have approved themselves able exponents of the laws of health, and have admirably adapted popular phraseology to a science abounding with professional technicalities; while the audiences, earnest and practical, have listened to apprehend, and learnt to reduce to practice, rules whereby health is promoted, usefulness increased, and happiness enhanced—if not originated."

9. *Chorlton and Oxford Road District Committee.*—"On no previous occasion could the Committee look back on their labours with greater satisfaction. At length, they begin to see a very bene-

ficial result, arising from their efforts during the past three years. In fact, there is now scarcely a part of the district to which they cannot point as an example of the improvements which have been effected, either directly through their influence, or at their suggestion.

"During the past year no fewer than fifteen Lectures on various subjects have been delivered in *Chorlton-on-Medlock* alone, and the Committee have very great pleasure in stating that the attendance has been more than satisfactory; and not only were the Lectures listened to with the greatest attention, but also in the personal house-to-house visits afterwards, ample evidence of the most satisfactory character has been afforded to the Committee, that the hints thrown out by the Lecturers, have been carried into effect in very many instances, notwithstanding the difficulties, which necessarily, in some cases, presented themselves.

"They cannot allow this opportunity to pass, without thanking the Corporation most sincerely for placing the large rooms of the *Chorlton* Town Hall at their service, both on the present, and various past occasions, for Lectures and Public Meetings, as well as for the general use of the Committee."

10. *London Road and Ardwick District Committee.*—"It is gratifying to be able to state, that there is great improvement in the Sanitary condition of the district, as compared with this period last year; and to find that the hope expressed by the Committee in their first Annual Report, 'That their labors would not be in vain,' has been realized.

"Sanitary Reform, of all other reforms, is perhaps the slowest in being carried out, in consequence of the interested opposition and prejudice, with which it at all times meets; and it is a matter for congratulation, that the results of the endeavours of the Association, are now being made more apparent, and afford ample proof of the need of its establishment and support.

"Many thousands of the *Tracts* published by the Association have been distributed. The exact amount of good done by these little 'Enlighteners,' it is impossible to estimate; but the eagerness with which they have been sought by the Working Classes, induces the belief, that they have been found highly useful.

"There have been fifteen Lectures delivered in the district during the past year. They have been generally attended by large audiences. And the Committee desire to express their most cordial thanks to those Gentlemen who have come forward to assist them in this good work, often, as they are aware, at great personal inconvenience."

11. *Deansgate District Committee.*—"The members of the Deansgate District Committee feel sincerely gratified that they are not called upon to notice any visitations of disease either of a Local or Epidemic character. And though, during the now expiring year, they have examined a considerable portion of the district, and in their examinations have ascertained the existence of some very offensive nuisances, yet, with few exceptions, they have not been able to discover any of an equally serious character as those upon which they had to report during the preceding year.

"They feel bound to acknowledge with satisfaction the readiness with which many of the nuisances above referred to were removed, though in some cases attended with an evident pecuniary sacrifice, as in abandoning the keeping of offensive animals in and near dwelling houses.

"The Committee must notice with regret the melancholy insufficiency of accommodation for purposes of cleanliness, &c., furnished to the dwellings of the working classes; and they entertain a hope that, by a judicious and continuous effort to enlighten the minds both of the poor and the wealthy on the mutual advantages to be obtained by an attention to such subjects, they will be enabled in their own district to induce a change for the better in this very important matter.

"The attendances at the meetings of the Committee held during the past year have been very much better than in the preceding.

"The Lectures delivered in the district during the past year were eight, exclusive of the ten under the immediate direction of the Central Committee, which were all delivered within the precincts of the Deansgate District. The attendance upon the district lectures was in general highly gratifying; and judging from the character of the persons attending and the interest almost uniformly shown in the subjects of the lectures, the Committee think they may justly congra-

tulate the Manchester and Salford Sanitary Association upon the good effect of their operations in the Deansgate District.

"The Committee cannot close their Report without expressing their sincere thanks to those gentlemen who have given them assistance in carrying out the benevolent intentions of the Association, and also the great obligations they have laid under to Arthur. H. Heywood, Esq., for his uniform kindness and assistance in furthering the objects of this District Committee, and more particularly they have to thank him for the use of a room in Messrs. Heywood's Bank, which he has kindly placed at their disposal for the meetings of the Committee."

III.—*Public and Home Instruction of the People.*

Lectures.

1. Here, the first duty of the Committee, is to acknowledge their great obligation to the numerous Gentlemen, and particularly to *Thomas Turner*, Esq., F.R.C.S., who kindly and gratuitously delivered Lectures during the last Season.

2.—*No. of Lecturers*..... 36
No. of Lectures 73

3. The Subjects of the Lectures, and the places at which they were delivered, are shewn in the following statement:—

Lecturer.	*Subject.*	*No. of times repeated.*	*Places.*
Mr. T. Turner, F.L.S., F.R.C.S.	*The present alarm of Cholera.*	1	Town Hall, Chorlton-upon-Medlock.
Ditto	*How Home may be rendered Healthful.*	1	Roby's School, Aytoun-street.
Ditto	*The value of Life*	1	St. Patrick's School, Liveseystreet.
Ditto	*Home in connection with Health and Happiness.*	1	Chalmers' School, Percystreet, Ancoats.
Ditto	*The Policy of Prevention, &c.*	1	St. Matthew's School, Camp Field.
Ditto	*The instinct of the love of Life*	2	Christ Church School; St. Thomas's School, Northstreet.
Ditto	*Food*.....	1	St. Peter's School, Germanstreet.
Ditto	*The use and abuse of Meats and Drinks.*	1	National School, Salford.

Ditto	*The Folly of Transgressing the Laws of Health.*	1	Independent School, Boundary street.

Lecturer.	*Subjects.*	*No. of times repeated.*	*Places.*
Mr. J. Boutflower, F.R.C.S.	*The Position of Man in the Order of Creation.*	2	Mechanics' Institution, Salford; St. James's School, Major-street.
Prof. F. Crace Calvert, F.C.S., M.R.A.T.	*The Adulteration of Food..*	2	Town Hall, Chorlton-upon-Medlock; St. Phillip's School, Ridgway-street.
Ditto	*Smoke*	1	Town Hall, Chorlton.
Mr. A. P. Childs, F.R.C.S.	*The Importanee of Cleanliness*	2	Town Hall, Chorlton; St. Peter's School, Lower Mosley-street.
Dr. Angus Smith, F.C.S	*Food, &c*	1	Town Hall, Chorlton.
Ditto	*Atmospheric Air*.....	1	St. Ann's School, Queen-street.
Mr. Isaac Holden....	*Human Habitations*	1	Wesleyan School, Gravel-lane.
Ditto	*The Sanitary Condition of the Deansgate District.*	1	St. Matthew's School, Camp Field.
Mr. J. O. Fletcher, M.R.C.S.	*The Nutrition of Man and Plants.*	1	Saville-street School.
Mr. Wm. Smith, F.R.C.S	*What is Health, and how to keep it.*	5	St. Barnabas's School, Elizabeth-street; St. Ann's School, Queen-street; Railway Arch, No. 8, Birmingham-street; Wesleyan School, Gravel-lane; Wesleyan School, Red Bank.
Mr. D. Stone, F.C.S..	*Food, and how it Nourishes*	1	St. Andrew's School, Travis-street.
Ditto	*Ventilation*	1	London Road Wesleyan School.
Mr. J. S. Fletcher, M.R.C.S.	*Long Life, and how to attain it*	3	St. Jude's School, Canal-street St. Matthew's School, Camp Field; St. Silas's School, Ashton-road.
Mr. R. W. Ledward, M.R.C.S.	*The Laws of Health*.....	2	St. John's School, Miles Platting; St. Michael's School, Miller-street.
Ditto	*The Nature of Disinfeeting Agents.*	1	Ancoat's Wesleyan School.
Dr. Allan, F.C.S....	*Hints to Working People about the Houses they live in.*	1	Baptist School, Grosvenor-street.
Rev. W. Trail	*The Sanitary Laws, in their bearing on Education.*	1	St. Clement's School, Howe-street.
Mr. James Dunn	*The Free Use of Water*	1	Baptist School, Sharp-street.
Mr. R. T. Hunt, M.R.C.S.	*The Eye*	2	St. Matthew's, Camp Field; Independent School, Irwell-street.

Lecturer.	Subjects.	No. of times repeated.	Places.
Rev. J. Bardsley	*The Influence of Sanitary Regulations on Morality and Religion.*	2	All Souls' School, Harding-street; All Saints' School, York-street.
Mr. T. J. Wilkinson, M.R.C.S.	*The Skin and its Functions..*	1	All Saints' School.
Ditto	*The Blood and the Causes of its Contamination.*	1	Temperance Hall, Grosvenor-street.
Mr. A. Todd, M.B., M.R.C.S.	*The Influence of Food and Air on the Brain, &c.*	1	Temperance Hall, Grosvenor-street.
Rev. Canon Stowell, M.A.	*The Moral and Social Influence of Cleanliness.*	1	St. Saviour's School, Higher York-street.
Ditto	*How the Poor Man may make his Home Comfortable, &c.*	1	Town Hall, Salford.
Rev. T. M. Lester, B.A.	*Sanitary Principles as a means of preventing Misery, &c.*	1	Temperance Hall, Clarendon-street.
Rev. J. Richardson, M.A.	*How the Poor Man warms on his own Hearth, the Viper that Poisons his Family Peace.*	2	St. Peter's School, Fleet-street. Wesleyan School, Chancery Lane, Ardwick.
Mr. C. E. Cawley. M.Inst.C.E.	*The importance of Pure Air.*	2	St. Peter's School, Fleet-street; Independent School, New Windsor.
Rev. H. Christopherson.	*Hints about Health*	1	London Road District School.
Rev. W. Gaskell, M.A.	*The Transgression of the Laws of Health, &c.*	1	London-road Wesleyan School.
Mr. P. Royle, M.R.C.S.	*Infection*.....	1	Tipping-street School, Ardwick.
Mr. A. W. Dumville, F.R.C.S.	*Personal and Domestic Cleanliness.*	1	Wesleyan School, Bank Meadow.
Mr. R. T. Whitehead..	*Food*.....	1	Bridge-street School, Ardwick.
Rev. H. Dunckley ..	*The Preservation of Health..*	1	Independent School, Chapel-street, Salford.
Mr. E. Corbet, C.E. ..	*The advantages of Ventilation*	2	St. Bartholomew's School, Salford; Wesleyan School, Gravel-lane.
Mr. D. Chadwick, Assoc.Inst.C.E.	*The Financial aspect of the Sanitary Question.*	1	Mechanics' Institution, Salford.
Rev. E. Walker, M.A.	*The Domestic Constitution* ..	1	Christ Church School, Salford.
Rev. J. N. Pocklington B.A.	*The Homes of the Poor as they are, and as they might be.*	1	Independent School, New Windsor.
Total number of Lectures.....		63	

4. A very useful Paper also was read by the Rev. Mr. *Pocklington*, at the Soirée of the District Committees.

5. The preceding Lectures were delivered, for the most part, in accordance with arrangements which the several District Committees had themselves made; but the following Course of *ten* Lectures was given under the direction of the Central Committee, in the large room of the Young Men's Christian Association. The object of this Course, was to draw the attention of the Middle and Upper Classes of the Community to those Sanitary Principles, which the Lectures, are intended to diffuse among the Operative and Poorer Classes. The attendances were in general good; although the parties, for whose advantage they were specially designed, were not very numerously present:—

Lecturer.	Subject.
Mr. J. A. Nicholls, F.R.A.S	*On Public health in reference to the People.*
Mr. J. Boutflower, F.R.C.S.....	*On the Laws of Health and Disease.*
Dr. Browne	*Preventible Diseases.*
Dr. Angus Smith, F.R.S.....	*Atmospheric Air.*
Dr. Frankland, F.R.S.....	*Disinfection.*
Dr. Angus Smith, F.R.S.....	*Water.*
Mr. Isaac Holden	*The Construction of Buildings.*
Mr. C. E. Cawley	*Sewerage and Drainage.*
Rev. J. Richardson	*The Habits of the People.*
Mr. T. Turner, F.L.S., F.R.C.S.	*On the objects, progress, and prospects of the Sanitary Association.*

6. It is estimated that an average of 300 persons attended each of the Lectures; and from the different places in which they were given, frequently on the same evening, every Lecture may be considered as delivered to at least 150 individuals, who had not attended previously; consequently, if the aggregate attendance may be estimated (300 × 73) at 21,900 persons, the number of individuals who received instruction could be scarcely fewer than 12,000.

7. The advantages derived from the Lectures, has been already shown, in an Extract from the Chorlton and Oxford Road District Report; and it is therefore with regret that the Committee find, from the state of the funds, that it will be necessary to reduce the number of their Lectures in the ensuing session to *fifty*.

8. In this regret the District Committees share, as may be shown by the following communication from the Ardwick and London Road Committee :—" The Committee," writes the Hon. Secretary, (Mr. *Knight*,) "regret the circumstances that require the Lectures to be limited; and the more so, as from information received, the Committee know they have been highly prized by, and are of great advantage to, the Working Classes, in imparting to them a knowledge of 'Common Things,' necessary to their health and happiness."

9. The Committee desire to express their obligation to the Clergy and Managers of Schools, who have kindly and gratuitously placed their School Rooms at the service of the Lecturers.

Tracts.

1. The Tracts which have been issued during the past year are the following :—

No. IV.—" *Hints on Personal Cleanliness.*"
No. V.—" *Hints to the Working Classes on Clothing.*"
And an extra Tract, as " *Instructions for Visiting Districts.*"

A Second Edition of Tracts, No. I. and II., have been printed; and in the course of the year, not fewer than 50,000 copies of the publications of the Association, have been issued.

2. At the request of the *District Provident Society*, 250 copies of each of the Tracts were placed at their disposal; and to make the publications more generally known, copies of the complete series were sent to the Editors of the London "*Times*," "*Household Words*," and " *Chambers's Edinburgh Journal.*"

3. The want of funds has affected this department of the Committee's proceedings in common with others; and the arrangements which the Tract Sub Committee were desirous of making, for the publication of the following, among other Tracts, could not in consequence, be carried into effect :—

Tracts recommended by the Sub-Committee, but suspended for want of funds—

"*Hints on Clothing, in respect to Warmth and Shape.*"
"*Articles of Food, their Varieties and Qualities.*"
"*The Preparation of Food, particularly for the Working Classes.*"
"*A Series of School Tracts on Sanitary Reform.*"

4. The Committee return their thanks to the Rev. *W. Gaskell*, M.A., Chairman of the Tract Sub-Committee, and Mr. *G. Greaves*, M.R.C.S , for the interest they have taken in its operations.

Other Publications.

1. The first of the Central Lectures, delivered by *J. A. Nicholls*, Esq., F.A.S., was published at the request of the Committee. The expenses of the publication, Mr. *Nicholls* very liberally undertook himself; but the Committee obtained and distributed 500 copies.

2. One hundred copies of the Lecture, by *D. Chadwick*, Esq., were placed at the disposal of the Committee, by the liberality of *R. Langworthy*, Esq., and distributed.

3. The Local Press has from time to time brought the operations of the Committee very favorably and prominently before the public ; and for this, as well as for their earnest advocacy in behalf of funds, the Committee consider the Association under great obligations.

Prizes.

1. A Prize of three Guineas was offered by Dr. *Radford*, F.R.C.S., &c., for the best Essay written by a Working Man, upon "The Domestic Position which a Working Man's Wife ought to hold, and the evils, moral, social, and physical, which result from her employment in Factories." This Prize was offered by advertisement for competition; but the Committee regret that hitherto they have not received an Essay, for which they could, with justice to Dr.

Radford's intentions, award the amount. They are not, however, without hope, that they will have an opportunity of claiming Dr. *Radford's* liberal offer, upon some future occasion.

2. *John Fernley*, Esq., has also forwarded to the Chairman of the Committee £5, to be applied either to the purposes of a "Prize Essay, or in any other way specially to promote the objects of the Association;" and he has left with the Chairman, to "suggest the subject or object to be fixed upon" for this purpose.

IV.—*Scientific and other Investigations and Inquiries.*

Sub-Committees and their Reports.

The Sub-Committee on *Food*, has presented a valuable and practical report, which, it was the wish of the Committee to have published in the form of Tracts, and which, for this purpose, they remitted to the Tract Sub-Committee; but they regret, at the present season particularly, and under existing circumstances, they have not funds to apply for that purpose. The subjects of which the report treats are the following:—

1. Elements of Food.
2. Quantity and Quality necessary for Nutrition.
3. Fallacies in respect to Nutrition arising out of Weight and Measure, and in particular articles of Food.
4. Digestibility of Food.
5. Erroneous Principles of Cookery.
6. Evil effects of excess or deficiency of Food.
7. Table of Ordinary Food of 275 Families, (1,615 Individuals,) among the Working Classes.
8. Remarks on the foregoing Table, in respect to Number of Meals.
9. Remarks on the absence of several Nutritious articles of Food.
10. Articles of Food, which may be advantageously used for Nutrition and Economy.

In the preparation of this Report, the Committee desire to express their special thanks to Dr. *Browne*, Mr. *W. Smith*, M.R.C.S., Mr. *R. W. Ledward*, M.R.C.S., and the Honorary Secretaries, Mr. *G. Bowring*, M.R.C.S., and Mr. *W. Royston*.

2. The Sub-Committee on *Disinfection*, have presented a preliminary Report. This subject they represent, as "requiring considerable care and perseverance, in order to its thorough and complete elucidation. The experiments performed, (though *upwards of sixty*,) are far too limited, both in number and extent, to warrant any practical conclusion being drawn; and the deduction of hasty inferences, from a small number of experiments, conducted on a limited scale, can only lead to disappointment." The operations of this Committee are for the present suspended, the attendance of the Gentlemen of whom it is composed, having been required on the *Sewer Rivers' Sub-Committee;* and the time they can devote to such objects, (their services being wholly gratuitous,) is necessarily limited.

3. The *Sewer Rivers' Sub-Committee* have been engaged in some interesting and important experiments in relation to the River Medlock. In the General Report of last year, it was stated (Page 17) that "A valuable Report on the analysis of the deposits in the Medlock, and the amount of organic matter in the stream, has been presented to the Committee by Mr. *Calvert;* who has also proposed a method for precipitating the organic matter." A discussion of Mr. *Calvert's* proposals, led the Committee to refer the whole question of removing the Nuisance of Sewer Rivers to a Special Sub-Committee, whose first efforts were directed, not to the Medlock generally, but to the Bridgewater Canal in particular. In sanctioning this proceeding, the Committee felt, that although the plans which might be effectual for cleansing the Bridgewater Canal might not be the most suitable for the general objects, for which the Sub-Committee was appointed, yet any experiments, which might be successfully made for the more limited purpose, might furnish data or suggestions for accomplishing the greater. But whatever the result, the Committee regarded it as worthy of the efforts of the Association to show that a Nuisance could be removed, or, at least diminished, which has been described in the

following terms in an official Report :*—" The Duke of *Bridgewater's* Canal, which passes through the City, also receives much drainage, and is in every respect as bad or worse than the rivers. It is supplied chiefly by the Medlock, but is more stagnant."

With this sanction, the Sub-Committee therefore determined upon a series of experiments in relation to the Canal. The Report has not yet been presented, in consequence of the temporary absence of Dr. *R. A. Smith* and Mr. *Calvert* upon the Continent. It will, however, be laid before the Committee very shortly.

The results, as the Committee have reason to believe, are entirely successful; and means will probably be suggested in the Report, of removing, at a moderate expense, one of the greatest nuisances to which the property on both sides of the Canal between *Knot-Mill* and *Stretford*, is at present subjected. It is hoped that the Report of the Sub-Committee will be appended to this.

In relation to the experiments, the Committee have to acknowledge their obligation—

1. To the *Duke of Bridgewater's Trustees*, not only for the facilities afforded for the experiments, but for constructing, at considerable expense, the necessary tanks and apparatus.
2. To the *Water Works' Committee* of the Town Council, as has been already noticed, for the gratuitous supply of Water (p. 8).
3. To *C. E. Cawley*, Esq., C.E., for furnishing the Plans for conducting the Experiments.
4. To *F.C.Calvert*, Esq., Dr. *R. A. Smith*, and Mr. *Mc.Dougal*, for superintending the Experiments.

4. The Sub-Committee on *Ventilation* have made many experiments during the past year, chiefly under the direction of Dr. *R. A. Smith* and Mr. *I. Holden*, but are not yet prepared with their Report. The thanks of this Committee are, however, due to the *Committee* of the Town Council, for allowing the Sub-Committee the use of a Cottage, in which to make their Experiments.

* Mr. Francis' Report to Inspector of Board of Health.

(2.)—Subjects which have Received the Attention of the Committee.

Of these the following may be mentioned among many others :—

1. Plans for the draining of Ash-pits.

2. The condition and situation of Public Urinals ; among which, those near the entrance-doors of the Cathedral ought, in the opinion of the Committee, to be removed.

3. Plans to be adopted in the construction of Weirs, in situations where their removal cannot be effected.

4. The over-crowding of Lodging-houses, not under Police Regulation.

5. The continuance of interments in crowded Burial Grounds.

6. The need of additional provisions being made for the interment of the dead of the City of Manchester.

7. The adulteration of Food, Drinks, and Drugs.

8. The need of adequate provision being introduced in a General Health of Towns' Act, for arching over Brooks, which mark the boundaries of contiguous Townships.

9. The want of a Sanitary Map of Manchester and Salford.

Petition to Parliament.

The Committee having had their attention directed to the adulteration of Food, Drinks, and Drugs, appointed a Sub-Committee on the subject. They watched, also, with considerable interest, the course pursued in Parliament in relation to the same subject by the Committee of which *W. Scholefield*, Esq., M.P., is Chairman; and in accordance with the recommendation of the Sub-Committee they addressed a Petition to the House of Commons, which was presented by the Right Hon. *T. M. Gibson*, M.P., one of the Vice-Presidents of the Association, praying for the adoption of measures calculated to prevent the injurious practices brought under their notice.

Mortality Returns.

By the exertions chiefly of Mr. *Royston*, one of the Honorary Secretaries, a Return has been obtained of the Mortality within the City of Manchester and Borough of Salford, during the years 1854-5. The value of such Returns will appear only as the result of comparing the Deaths in the several Localities in successive years; but the Committee regret to find, that the difficulty of obtaining these Returns in some of the Registrars' Districts, notwithstanding the permission of the Registrar General, will probably prevent the continuance of an effort in this direction.

Conclusion.

1. In drawing this Report to a conclusion, the Committee have to announce a most liberal act on the part of the Honorary Secretaries, Mr. *G. Bowring*, M.R.C.S., and Mr. *W. Royston*. The Committee having been deprived by death of the valuable services of their late Acting Secretary, Mr. *Simpson*,—Mr. *Bowring* and Mr. *Royston* have kindly undertaken to perform, gratuitously, the principal duties which devolved on Mr. *Simpson*. By this arrangement, the Salary of the Acting Secretary (£50 a year) will be saved to the Association. For this liberal and kind act, the Committee desire to express their sincere obligation.

2. Here, the Committee regret to add, that the state of the *Finances* of the Association, are wholly unsatisfactory. In the last Report, it was represented that an additional £150 a year were necessary, to enable the Committee to continue the useful and important operations on which they had entered. That sum has not yet been obtained; and they have been, in consequence, obliged to borrow £150 of their excellent and most active friend, *E. Reuss*, Esq., in order to continue, with success, the works they had undertaken.

3. The Committee find themselves, therefore, exposed at the present moment, to the undesirable necessity of curtailing, at once, all their operations, in order to bring their expenditure within their income so as to repay, in the course of the ensuing year, Mr. *Reuss's*

liberal advance; and, with this view, they have deemed it right, this year, to avoid the expenses of a Public Annual Meeting.

3. It has been said that, "Preventive Measures are always undervalued, because when most successful, the necessity for them is least apparent;"* but the Committee trust, that the intelligent and wealthy inhabitants of Manchester, will not allow themselves to lie under a reproach, which such a remark implies; but, as the Committee of this Association can give an account of their Stewardship during the past year, which for practical usefulness. can scarcely be surpassed by any Voluntary Association, that immediate and liberal aid will be rendered, which, by the blessing of God, may enable them to continue with success the Good Work, in which they are heartily, and they trust discreetly and successfully, engaged.

* Mr. Justice *Patteson's* charge to the Grand Jury, at the Queen's Bench, April, 1848.

Dr. ARTHUR H. HEYWOOD, ESQ., *Treasurer, in Account with the Manchester and Salford Sanitary Association.* Cr.

1855.			£	s.	d.
Nov. 30.	To Cash in hand, Sept. 30, 1854		4	18	2
,,	,, Subscriptions	£404 2 0			
,,	,, Donations	8 3 0			
			412	5	0
,,	,, Loan		150	0	0
,,	,, Interest allowed by Bank		1	13	9
			£568	16	11

ASSETS.

To Balance in Bank	£40	9	0
,, Balance of Liabilities	1	4	5
	£41	13	5

1855.		£	s.	d.
Nov. 30.	By Rent and Taxes of Offices	48	8	9
,,	,, Salary of Acting Secretary	62	10	0
,,	,, Soirée Expenses	15	11	6
,,	,, Drugs, &c., for Analysis	12	0	0
,,	,, Advertising	17	17	3
,,	,, Use of Manchester Town Hall for Annual Meeting	6	0	0
,,	,, Printing and Stationery	210	5	3
,,	,, Expenses of District Committees	37	14	11
,,	,, Wages of Assistant Secretary and Boy; Office Expenses; Petty Cash, &c.	99	10	10
,,	,, Commission allowed to Collector	17	5	6
,,	,, Commission charged by Bank	1	3	11
,,	,, Balance in Bank	40	9	0
		£568	16	11

LIABILITIES.

By Accounts unpaid	£41	13	5
	£41	13	5

Manchester, December 3rd, 1855.—Examined and found correct:

ERNEST REUSS,
JAMES DUNN, } *Auditors.*

WILLIAM ROYSTON, *Hon. Secretary.*

ARTHUR H. HEYWOOD, ESQ., *Treasurer, in Account with the Manchester and Salford Sanitary Association.*

TRACT FUND.

Dr.		£	s.	d.	Cr.		£	s.	d.
1855.					1855.				
Nov. 30.	To Balance in Bank, Sept. 30, 1854	£91	13	6	Nov. 30.	By Printing	65	7	0
,,	,, Tracts sold	4	3	9	,,	,, Engraving Illustrations	5	1	0
,,	,, Interest allowed by Bank	2	13	1	,,	,, Balance in Bank	28	2	4
		£98	10	4			£98	10	4

December 3rd, 1855.—Examined and found correct:

ERNEST REUSS,
JAMES DUNN, } *Auditors.*

WILLIAM ROYSTON, *Hon. Secretary.*

MEMBERS FROM DONATIONS IN FORMER YEARS.

	£	s.	d.
Benyon Miss, (Clifton)	5	0	0
Brooks Samuel, Esq.	5	0	0
Chadwick R., Esq.	20	0	0
Coultate E., Esq.	5	0	0
Ellesmere, The Earl of	5	0	0
Gardner Robert, Esq.	5	5	0
Heywood E. S., Esq.	20	0	0
Heywood Sir B., Bart.	5	5	0
Heywood Arthur H., Esq.	5	0	0
Heywood James, Esq., M.P.	5	0	0
Heywood Oliver, Esq.	5	0	0
Houldsworth Henry, Esq.	5	0	0
Jones R. Jennings, Esq.	5	0	0
Jones W. C., Esq.	5	0	0
Macintosh Messrs. C. and Co	5	5	0
Potters and Norris Messrs.	5	5	0
Plant James, Esq.	5	0	0
Schunck, Souchay, and Co.	5	0	0
Spafford George, Esq.	5	0	0
Taylor J. E., Esq.	5	5	0
Todd and Coston Messrs.	5	0	0
Turner J. Aspinall, Esq.	5	0	0
Watkins W. B., Esq.	5	0	0
Wood W. Rayner, Esq.	5	0	0

DONATIONS AND SUBSCRIPTIONS

DURING THE YEAR 1854-5.

	Donations. £ s. d.	Subscriptions. £ s. d.
Andrews Charles, Esq..		2 2 0
Ashton Messrs. Samuel and Thomas		2 2 0
Atherton James, Esq.		2 2 0
Agnew Thomas, Esq.		1 1 0
Allen P., Esq.		1 1 0
Andrews W., Esq.		1 1 0
Anson Rev. G. H. G.		1 1 0
Ashton F., Esq...		1 1 0
Ashworth Joseph, Esq		1 1 0
Ashworth Thomas, Esq		1 1 0
Atkinson F., Esq.		1 1 0
Atkinson and Gould Messrs.		1 1 0
Aslan J. G., Esq.		0 10 6
Bannerman J., Esq.		2 2 0
Barbour Messrs. R. and Brother		2 2 0
Bardsley Sir James, M.D.		2 2 0
Barnes Robert, Esq		2 2 0
Bayley and Craven Messrs.		2 2 0
Behrens Messrs. S. L. and Co		2 2 0
Bellhouse Messrs. J. and W.		2 2 0
Birley Richard, Esq		2 2 0
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Brooks S. Esq.		2 2 0
Brooks W. C. Esq		2 2 0
Brown J., Son, and Co.		2 2 0
Butterworth and Brooks Messrs		2 2 0
Butterworth J., Esq..		2 2 0
Bannerman J. A., Esq		1 1 0
Barge Thomas, jun., Esq		1 1 0
Bazley H., Esq		1 1 0
Bazley Thomas, Esq.		1 1 0
Behrens Jacob, Esq		1 1 0

	Donations. £ s. d.	Subscriptions. £ s. d.
Bellhouse E. T., Esq		1 1 0
Bellhouse D., Esq		1 1 0
Bennett Messrs. J. M. and H. A		1 1 0
Beresford and Southern Messrs.		1 1 0
Birley T. H., Esq		1 1 0
Bligh F., Esq		1 1 0
Booth Wm., Esq.,		1 1 0
Boutflower J., Esq		1 1 0
Brooke Rev. R. E.		1 1 0
Brown C., Esq		1 1 0
Brownbill T. F., Esq		1 1 0
Browne Dr. Henry		1 1 0
Bryan Messrs. William and Co.		1 1 0
Bunting T. P., Esq		1 1 0
Bury Henry, Esq		1 1 0
Birch William, Esq		1 0 0
Boschetti M., Esq		1 0 0
Brotherton J., Esq., M.P		1 0 0
Barker N., Esq		0 10 0
Bowman C., Esq		0 10 6
Capes W. H., Esq		2 2 0
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Carlton Messrs. J., Walker, and Co.		2 2 0
Catterall P. and Co		2 2 0
Clifton Rev. Canon		2 2 0
Cooke Messrs. Henry and Co.		2 2 0
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Cunliffe, Charlewood, and Co. Messrs		2 2 0
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Carver Brothers and Co. Messrs		1 1 0
Carver William, Esq.,		1 1 0
Cave and Sever Messrs		1 1 0
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Chadwick John, Esq		1 1 0
Clayton J., Esq		1 1 0
Clegg Thomas, Esq		1 1 0
Cope Messrs. R. F. and R.		1 1 0
Cowell Mrs		1 1 0
Crook J., Esq		1 1 0
Crossley and Sudlow Messrs.		1 1 0

	Donations. £	s.	d.	Subscriptions. £	s.	d.
Caplin Dr	1	1	0			
Cunningham W.				1	1	0
Crum Walter, and Co. Messrs				1	1	0
Chappell and Marsden Messrs				1	1	0
Clayton J., Esq				1	1	0
Consterdine and Co. Messrs				1	1	0
Copeland and Hibbert Messrs				1	1	0
Carew J. D., Esq				0	10	6
Cleather Captain				0	10	0
Danby P. W., Esq				1	1	0
Dean T. N., Esq				1	1	0
Dilworth J., Esq				1	1	0
Dixon, Galloway, and Co. Messrs				1	1	0
Dugdale John, Esq				1	1	0
Darbishire R. D., Esq				1	0	0
Dalton J., Esq				0	2	6
Entwisle William, Esq				2	2	0
Earwaker and Challen Messrs				1	1	0
Fallows and Keymer Messrs.				2	2	0
Falkner George, Esq				2	2	0
Fletcher Samuel, Esq. (Parker-street)				2	2	0
Fraser Messrs. Geo., Son, and Co				2	2	0
Fletcher S., Son and Co. Messrs				2	2	0
Fairbairn Messrs. William and Sons				1	1	0
Farbridge Messrs. R. J. and Co				1	1	0
Ferguson Messrs. J. and Co				1	1	0
Fernley John, Esq				1	1	0
Findlater and Mackie Messrs				1	1	0
Findley A. C., Esq				1	1	0
Fleming Hugh, Esq				1	1	0
Froggart Robert, Esq				1	0	0
Fletcher H., Esq				0	10	6
Franklin I. A., Esq				0	10	6
Gardner Robert, Esq				2	2	0
Gladstone Messrs. R. and Co				2	2	0
Glover and Dunn Messrs				2	2	0
Gould John, Esq				2	2	0

	Donations £ s. d.	Subscriptions. £ s. d.
Gaskell Rev. William		1 1 0
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Gibb William, Esq.		1 1 0
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Grundy Messrs. J. and E		1 1 0
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Harter William, Esq		2 2 0
Heywood Arthur H., Esq		2 2 0
Heywood Sir Benjamin, Bart..		2 2 0
Heywood E. S., Esq		2 2 0
Heywood Oliver, Esq.		2 2 0
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Horsfall W., Esq..		0 10 6
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Ireland Messrs. Alexander and Co..		1 1 0
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	Donations. £ s. d.	Subscriptions. £ s. d.
Jones R. Jennings, Esq		2 2 0
Jones W. C., Esq		2 2 0
Jackson Messrs. E. and J. and Co		1 1 0
Jackson H. B., Esq.		1 1 0
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Keighley J., Esq.		1 1 0
Kelly, Peak, and Barry Messrs.		1 0 0
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Knight C. H., Esq.		0 5 0
Lees, Duncan, and Daniel, Messrs		3 3 0
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Le Mare E. R., Esq		2 2 0
Leissler John, Esq		2 2 0
Lee D., Esq		2 2 0
Leppoc H. J., Esq		2 2 0
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Lamb Mr. Councillor		0 10 0
Lowe J. jun., Esq		0 5 0
Lawson J., Esq		0 5 0
Macintosh Messrs. Charles and Co	5 0 0	
Mc.Connel J., Esq.		2 2 0

	Donations. £	s.	d.	Subscriptions. £	s.	d.
McConnell W., Esq				2	2	0
Mc.Laren Messrs. James and Nephews				2	2	0
Munn Messrs. John and Co				2	2	0
Makin and Walker Messrs				1	1	0
Marsden Richard, Esq				1	1	0
Marsland and Hole Messrs.				1	1	0
Marsland Miss				1	1	0
Mayson John, Esq.				1	1	0
McClure J., Esq				1	1	0
McConnell H., Esq.				1	1	0
Mc.Nair, Greenhow, and Co. Messrs				1	1	0
McNaughton and Co. Messrs.				1	1	0
Micholls Henry, Esq.				1	1	0
Micholls Horatio, Esq				1	1	0
Middleton Thomas, Esq				1	1	0
Mitchell S., Esq				1	1	0
Morris W., Esq				1	1	0
Mort William, Esq.				1	1	0
Morcom W., Esq	1	1	0			
Margerisons and Co. Messrs				1	0	0
Mc.Clure William, Esq.				1	0	0
Medcalf W., Esq.				1	0	0
Maclure John William, Esq				0	10	6
Nevill T. H., Esq				2	2	0
Novelli P., Esq				2	2	0
Napier and Goodair Messrs				1	1	0
Nicholls Benj, Esq.,				1	1	0
Nicholls J. A., Esq				1	1	0
Nixson Messrs. H. and Co				1	1	0
Ogden Messrs. R. and Sons				2	2	0
Ogden Messrs. Robert and Sons				1	1	0
Ollivant J., Esq				1	1	0
Ormerod and Wall Messrs				1	1	0
Peel, Bellairs, and Co. Messrs				2	2	0
Peel Messrs. John and Co.				2	2	0
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